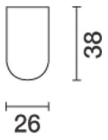
Mini Reglette

Design iGuzzini **iGuzzini**

Last information update: June 2018



Product code
5229

Technical description
High output luminaire for general lighting designed to use LED lamps. Extruded aluminium component-holding box complete with plastic flow director designed to optimise light distribution. Polycarbonate safety screen as standard. Couplings for direct elect

Installation
Ceiling- and wall-mounted.

Dimension (mm)
598x26x38

Colour
Aluminium (12)

Mounting
wall surface|ceiling surface

Wiring
product complete with electronic components

Complies with EN60598-1 and pertinent regulations

Product configuration: 5229

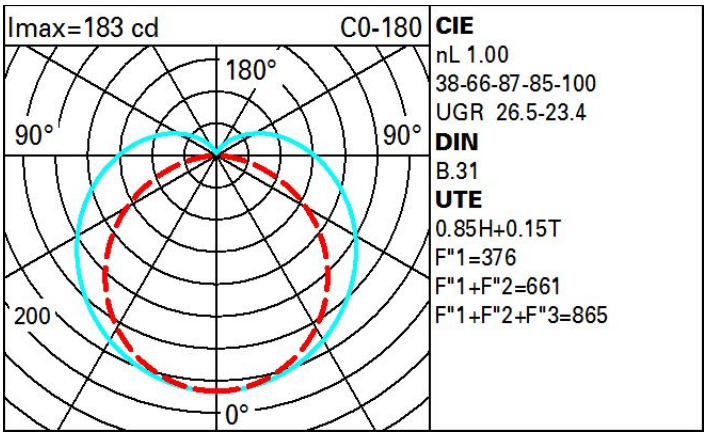
Product characteristics

Total lighting output [Lm]: 800
Total power [W]: 10
Luminous efficacy [Lm/W]: 80
Life Time: 40,000h - L70 (Ta 25°C)
Total luminous flux at or above an angle of 90° [Lm]: 124
Emergency luminous flux [Lm]: /
Voltage [V]: -
Number of optical assemblies: 1

Optical assembly Characteristics Type 1

Light Output Ratio (L.O.R.) [%]: 100
Lamp code: LED
ZVEI Code: LED
Nominal power [W]: 10
Nominal luminous [Lm]: 800
Lamp maximum intensity [cd]: /
Beam angle [°]: /
Number of lamps for optical assembly: 1
Socket: /
Ballast losses [W]: 0
Colour temperature [K]: 4000
CRI: 80
Wavelength [Nm]: /
MacAdam Step: 4

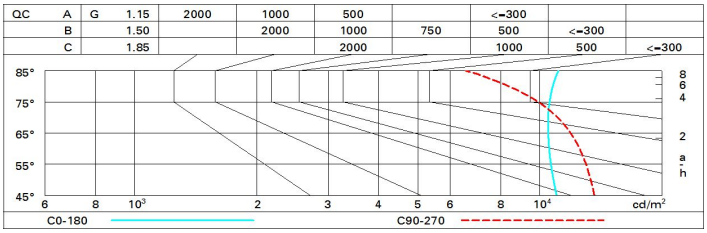
Polar



Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	58	47	39	33	44	37	35	27	32
1.0	64	53	46	40	50	43	41	32	38
1.5	74	65	58	52	61	54	51	42	50
2.0	80	72	66	60	68	62	59	49	58
2.5	84	77	71	66	72	67	64	54	64
3.0	86	80	75	71	75	71	67	58	69
4.0	90	85	81	77	80	76	72	63	74
5.0	92	88	84	81	83	79	75	66	78

Luminance curve limit



UGR diagram

Corrected UGR values (at 800 lm bare lamp luminous flux)

Riflect.:											
ceil/cav		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim				viewed crosswise					viewed endwise		
x	y										
2H	2H	20.2	21.3	20.7	21.8	22.5	19.5	20.6	20.0	21.1	21.7
	3H	22.4	23.4	23.0	24.0	24.6	20.0	21.0	20.6	21.6	22.3
	4H	23.5	24.4	24.1	25.0	25.7	20.3	21.2	20.9	21.8	22.5
	6H	24.6	25.5	25.2	26.1	26.8	20.5	21.4	21.1	22.0	22.7
	8H	25.1	26.0	25.7	26.6	27.3	20.6	21.4	21.2	22.0	22.7
	12H	25.6	26.5	26.3	27.1	27.8	20.6	21.4	21.2	22.0	22.7
4H	2H	20.9	21.8	21.5	22.4	23.1	21.6	22.5	22.2	23.1	23.8
	3H	23.3	24.1	23.9	24.7	25.4	22.3	23.2	23.0	23.8	24.5
	4H	24.5	25.3	25.2	25.9	26.7	22.8	23.5	23.4	24.2	24.9
	6H	25.8	26.5	26.5	27.2	27.9	23.2	23.9	23.9	24.6	25.3
	8H	26.5	27.1	27.1	27.7	28.5	23.4	24.0	24.1	24.7	25.5
	12H	27.1	27.6	27.8	28.3	29.1	23.6	24.1	24.2	24.8	25.6
8H	4H	24.9	25.5	25.6	26.2	27.0	23.5	24.1	24.2	24.8	25.6
	6H	26.4	26.9	27.1	27.6	28.5	24.2	24.7	24.9	25.4	26.2
	8H	27.2	27.7	27.9	28.4	29.2	24.6	25.1	25.3	25.8	26.6
	12H	28.0	28.4	28.7	29.2	30.0	25.0	25.4	25.7	26.1	27.0
12H	4H	24.9	25.5	25.6	26.2	27.0	23.6	24.2	24.3	24.9	25.7
	6H	26.5	27.0	27.2	27.7	28.5	24.4	24.8	25.1	25.5	26.4
	8H	27.4	27.8	28.1	28.5	29.4	24.8	25.2	25.6	26.0	26.8

Variations with the observer position at spacing:

S =	1.0H	0.1 / -0.1	0.1 / -0.0
	1.5H	0.2 / -0.2	0.2 / -0.2
	2.0H	0.2 / -0.3	0.2 / -0.3